

## Risk Assessment – Discover Materials

<b>Creator/Reviewer of Risk Assessment</b>	<b>Name</b> Ian Snell
	<b>Signature</b> 
<b>Next Review Date</b>	January 2021

Severity	Likelihood	Risk Rating* (S x L)
1 No or Little Harm	1 Unlikely	1-5 Low
2 Minor/First Aid	2 Possible	6-10 Medium
3 Medical Attention	3 Probable	10+ High
4 Hospitalisation	4 Likely	
5 Death/Irreparable Injury	5 Certain	

<b>Science Oxford Risk Assessment</b>			<b>Severity</b>	<b>Likelihood</b>	<b>Risk Rating*</b>
<b>Hazard</b>	<b>Risk</b>	<b>Control Measures</b>			
Dropping breakables	<b>All</b> Cuts from broken glass	All objects are dropped inside a transparent "Drop Tube" to prevent shards from reaching the audience. This MUST always be used. Objects are dropped in to a tray lined with a bin bag for safe and convenient disposal. A labelled sharps disposal box for storage of bin bags with broken glass should always be used and stored carefully. The sharps box should be kept under strict supervision until full safe disposal of the glass can be arranged.	2	1	2
	<b>All</b> Allergic reaction to eggs	Presenters with egg allergy not to use eggs. Use of eggs identical to use of glass, above. If warned of severe egg allergy in audience, this should not be done.	4	1	4
Making slime	<b>Participants</b> Consumption of ingredients, possible allergic reaction.	Children supervised at all times, with an adult:child ratio ideally no more than 1:6, but ultimately determined by the school. Children warned not to eat anything, and not to leave slime where it could be eaten. Hands must be washed after activity. Following CLEAPSS guidance, we cannot recommend that slime be taken home, but it can be kept in school for future experiments.	2	1	2
	<b>All</b> Transmission of disease from touching objects	Lolly sticks are disposed of, cups are washed in a dishwasher between schools, other equipment is supervised by adults. School advised that pupils should wash hands before workshop during epidemics or flu season.	3	2	6
	<b>All</b> Borax solution is a mild irritant, which may cause a skin rash	Gloves are available if needed.	2	1	2
	<b>Adult helpers</b> Pregnant women should avoid handling Borax. Borax is now deemed to be a possible mutagen (which may harm unborn children).	No pregnant teachers or accompanying adults should be involved in handling the slime or Borax in the workshop.	4	1	4

Please use this risk assessment in conjunction with your own prior assessments and dynamic management of risk.

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Exposure to disease (such as COVID-19)	<b>All</b> Surface transmission from equipment	Managing this workshop without close one-to-one interaction with a majority of children is nigh impossible. There is considerable equipment sharing, and necessary interaction to ensure slime is produced without making a huge mess.	3	4	12
	<b>All</b> Person to person transmission				

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